

## ABSTRACT OF THE INVENTION

A method, apparatus, and medium are provided for assigning indexes to a set of index-based resources. The method includes providing an index-based-resource manager (IBRM), requesting one or more indexes to be allocated to a desired number of resources, directing the request to the IBRM, identifying indexes available to be allocated, and allocating the identified indexes to be associated with the one or more resources. The present invention also contemplates transactional processing, enabling deallocation and querying of indexes.